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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	3135-22
First Inventor	O'Connor, Jr.
Title	
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 9]
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Pages 12]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information: Examiner _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label				or <input type="checkbox"/> Correspondence address below
Name	Russel H. Marvin, CTO			
	Torrington Research Company (Assignee)			
Address	89 Commercial Blvd			
City	Torrington	State	CT	Zip Code
Country	USA	Telephone	860-489-0489	Fax

Name (Print/Type)	Russel H. Marvin	Registration No. (Attorney/Agent)
Signature		
	Date	10/25/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/07/2014
JC825 U.S. PTO

02/13/02

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FEE TRANSMITTAL

for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	O'Connor, Jr.
Examiner Name	
Group Art Unit	
Attorney Docket No.	

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed: CK# 50741
 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355 Utility filing fee	<input type="text" value="370.00"/>
106	320	206	160 Design filing fee	<input type="text"/>
107	490	207	245 Plant filing fee	<input type="text"/>
108	710	208	355 Reissue filing fee	<input type="text"/>
114	150	214	75 Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$ 370.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** = <input type="text"/>	<input type="text"/> X <input type="text"/> = <input type="text"/>	<input type="text"/>
Independent Claims	-3** = <input type="text"/>	<input type="text"/> X <input type="text"/> = <input type="text"/>	<input type="text"/>
Multiple Dependent		<input type="text"/> = <input type="text"/>	<input type="text"/>

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	<input type="text"/>	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	<input type="text"/>	
139	130	139 130 Non-English specification	<input type="text"/>	
147	2,520	147 2,520 For filing a request for ex parte reexamination	<input type="text"/>	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	<input type="text"/>	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	<input type="text"/>	
115	110	215 55 Extension for reply within first month	<input type="text"/>	
116	390	216 195 Extension for reply within second month	<input type="text"/>	
117	890	217 445 Extension for reply within third month	<input type="text"/>	
118	1,390	218 695 Extension for reply within fourth month	<input type="text"/>	
128	1,890	228 945 Extension for reply within fifth month	<input type="text"/>	
119	310	219 155 Notice of Appeal	<input type="text"/>	
120	310	220 155 Filing a brief in support of an appeal	<input type="text"/>	
121	270	221 135 Request for oral hearing	<input type="text"/>	
138	1,510	138 1,510 Petition to institute a public use proceeding	<input type="text"/>	
140	110	240 55 Petition to revive - unavoidable	<input type="text"/>	
141	1,240	241 620 Petition to revive - unintentional	<input type="text"/>	
142	1,240	242 620 Utility issue fee (or reissue)	<input type="text"/>	
143	440	243 220 Design issue fee	<input type="text"/>	
144	600	244 300 Plant issue fee	<input type="text"/>	
122	130	122 130 Petitions to the Commissioner	<input type="text"/>	
123	50	123 50 Petitions related to provisional applications	<input type="text"/>	
126	240	126 240 Submission of Information Disclosure Stmt	<input type="text"/>	
581	40	581 40 Recording each patent assignment per property (times number of properties)	<input type="text"/>	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	<input type="text"/>	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	<input type="text"/>	
179	710	279 355 Request for Continued Examination (RCE)	<input type="text"/>	
169	900	169 900 Request for expedited examination of a design application	<input type="text"/>	
Other fee (specify) _____				

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	Russel H. Marvin	Registration No. (Attorney/Agent)	Telephone	860-489-0489
Signature	Russel H. Marvin		Date	10/25/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

02-14-02



A

February 13, 2002

Assistant Commissioner for Patent
Box Patent Applications
Washington, DC 20231

Subject: Application # 60246485
Improved Centrifugal Impeller

Dear Sir:

Enclosed please find copies of documents originally Express Mailed on October 25, 2001 for Improved Centrifugal Impeller, Application # 60246485. The enclosed Affidavit and copy of the original Express Mail document should be confirmation of such. To date, the checks mailed with the Utility Filing Fee (\$370.00 check # 4384) and Assignment Fee (\$40.00 check # 4385) have not been cashed.

I believe that with the anthrax scare this package may have been misplaced along the way. I would appreciate your consideration in accepting our filing with the enclosed new checks to cover Utility Filing and Assignment Fees.

Please confirm that we will receive the October 25 filing date for the patent application.

If you require further information, please feel free to contact us at (860) 489-0489.

Sincerely,

A handwritten signature in black ink that reads "Russel Marvin".

Russel Marvin
Chief Technical Officer

RM/bla (ap60246485)

AFFIDAVIT

STATE OF Connecticut)
) ss. Torrington,
COUNTY OF Litchfield)

I, Beth L. Anstett, being duly sworn, depose and say:

I mailed via Express Mail on October 25, 2001 the documents contained herein for patent pertaining to "Improved Centrifugal Impeller".

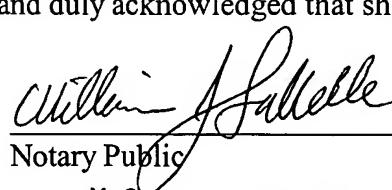
To date, we have not received any documentation stating the receipt of said documents by the Office of the Assistant Commissioner of Patents.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal this

13th day of February, 2002.


Beth L. Anstett

On this, 13th day of February, 2002, before me the subscriber personally appeared, Beth L. Anstett, to me known and known to me to be the same person described above and who executed the foregoing instrument and duly acknowledged that she executed the same.


William J. Fallek

Notary Public

My Commission Expires April 30, 2004

My commission expires


(Seal)